

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1.-11. (Canceled)

12. (Previously Presented) Surface treatment chemicals for forming a polymerization reaction product on the surface of a fiber in which the improvement is characterized in that said surface treatment chemicals comprise a water-soluble organic substance selected from the group consisting of at least one of a protein selected from fibroin, collagen and wool, derivatives thereof and polysaccharides, having an average molecular weight of 100 to 20,000, a polymerization initiator and a reactive modifier.

13.-18. (Canceled)

19. (Previously Presented) The surface treatment chemicals according to Claim 12, wherein said reactive modifier is at least one member selected from the group consisting of a hydrophilic compound having a polymerizable vinyl group, a monomer containing at least one group selected from the group consisting of a hydroxyl group, carboxyl group, amino group, sulfonic group and phosphate group, hydrophilic compound having an epoxy group and compound having an aziridine group.

20. (Previously Presented) The surface treatment chemicals of Claim 19, wherein said polymerization initiator is selected from the group consisting of a peroxide compound, an azo compound and a metal salt.

21. (Previously Presented) Surface treatment chemicals for forming a polymerization reaction product on the surface of a fiber in which the improvement is characterized in that said surface treatment chemicals comprise chitosan in addition to a reaction product of a water-soluble organic substance selected from the group consisting of at least one of protein, protein derivatives and polysaccharides, having an average molecular weight of 100 to 20,000, a polymerization initiator and a reactive modifier.

22. (New) The surface treatment chemicals according to Claim 12, wherein the water-soluble organic substance is fibroin.

23. (New) The surface treatment chemicals according to Claim 12, wherein the water-soluble organic substance is collagen.

24. (New) The surface treatment chemicals according to Claim 12, wherein the water-soluble organic substance is wool.

25. (New) The surface treatment chemicals according to Claim 12, wherein the water-soluble organic substance is a polysaccharide.